



# HF Happenings 840

Volume 18, Issue 50, the week of 25 March 2019

You can now download your copy of HF Happenings from [www.sarl.org.za/hf\\_happenings.asp](http://www.sarl.org.za/hf_happenings.asp)

Southern African Fauna and Flora <https://zsfaunaandflora.wordpress.com/>

ZS SOTA <https://zsota.wordpress.com>

Zone 38 Award and others <https://zone38award.wordpress.com/>

5 MHz (60 metre) allocations <http://www.sarl.org.za/public/contests/contestrules.asp>



## Results of The SARL YL Sprint

The contest committee received six logs for the SARL YL Sprint held on Saturday 9 March.

- 1st Karin Andrews, ZS6MMA - 96 points
- 2nd Clarissa Clark, ZS6LIS - 70 points
- 3rd Simone Jones, ZS6SIM - 62 points
- 4th Valerie Wagner, ZS5VAL - 55 points
- 5th Heather Holland, ZS5YH - 18 points
- 6th Roy Walsh, ZS3RW - 14 points

The second leg of the SARL YL Sprint takes place on Friday 9 August (National Women's Day).

## The results of the first Wednesday 80 m Club Sprint

The contest Committee received 43 logs for the first leg of the SARL 80 m Club Sprint, 42 logs were submitted by the closing date. Eleven (11) Clubs are represented in the results.

### March

26 - Closing date for April Radio ZS

30 and 31 - CQ WPX SSB Contest

### April

1 - closing date VHF/UHF Analogue logs

2 - Provincial schools open; World Autism Awareness Day

4 - SARL 80 m QSO Party

4 to 14 - Start of Sandstone, Ficksburg

6 - RaDAR Challenge; Pretoria ARC Flea market

6 and 7 - SARL VHF/UHF Digital contest

7 - World Health Day

12 - International Day of Human Space Flight; closing date 80 m logs

12 and 13 - SARL Day of the Radio Amateur, Stellenbosch

14 - Palm Sunday

15 - the closing date for RaDAR logs

16 - Highway ARC meeting

18 - World Amateur Radio Day

18 to 21 - Lush Festival, Clarens

19 - Good Friday

20 - Two Oceans Marathon; Autumn QRP Contest. ZS4SRK Balloon Contest

19 and 20 - Holyland DX contest

21 to 27 - Pesach

21 - Easter Sunday; ZS4 Sprint; MAY RAE registration closes

22 - Family Day; Earth Day

24 - closing date for May Radio ZS

25 to 28 - HuntEX, Johannesburg

26 - South Coast Bike Festival, Margate

26 to 28 - Plaaskombuisfees, Prince Albert

26 to 29 - Karoo Kosfees, Cradock

27 - Freedom Day

29 - closing date QRP logs, ZS4 logs and VHF digital logs

29 April to 5 May - Afrikaburn, Tankwa Karoo

1<sup>st</sup> Boland ARC – 474 points (10 logs)  
2<sup>nd</sup> West Rand ARC – 435 points (8 logs)  
3<sup>rd</sup> Bo-Karoo ARC – 320 points (6 logs)  
4<sup>th</sup> Highway ARC – 285 points (6 logs)  
5<sup>th</sup> Bloemfontein ARC – 195 points (3 logs)  
6<sup>th</sup> Midlands ARC – 104 points (1 log)  
7<sup>th</sup> Hibiscus ARC – 89 points (4 logs)  
8<sup>th</sup> Sandton ARC – 85 points (1 log)  
9<sup>th</sup> Cape Town ARC – 54 points (1 log)  
10<sup>th</sup> PEARS – 50 points (1 log)  
11<sup>th</sup> Sandringham Scout Group – 44 points (1 log)

Yes, I know you want to know all the sordid details!

1<sup>st</sup> Jan Botha, ZS4JAN – 140 points (Bloemfontein)  
2<sup>nd</sup> Max Rossi, ZS5MAX – 120 points (Highway)  
3<sup>rd</sup> Christi Grobbelaar, ZS4CGR – 108 points (Bo-Karoo)  
4<sup>th</sup> Bryan Peek, ZS5WTF – 104 points (Midlands)  
5<sup>th</sup> Pieter Jacobs, ZS6XT – 91 points (Bo-Karoo)  
6<sup>th</sup> Alastair Skudder, ZS6S – 85 points (Sandton)  
7<sup>th</sup> Romeo Nardini, ZS6ARQ – 78 points (West Rand)  
8<sup>th</sup> David de Kock, ZS1DDK – 75 points (Boland)  
9<sup>th</sup> Cliff Jones, ZS6BJU (West Rand) and Kobus Boshoff (Bo-Karoo) – 70 points each  
11<sup>th</sup> Granville van Wyk, ZS1GVW – 69 points (Boland)  
12<sup>th</sup> Jadranko Davidovic, ZS6DJA – 56 points (West Rand)  
13<sup>th</sup> Celso Moreira, ZS1MYG (Cape Town) and Andrew Estill, ZS6AN (West Rand) – 54 points each  
15<sup>th</sup> Andre Shaw, ZS1AN (Boland) and Robin Marshall, ZS5ROB (Highway) – 52 points each  
17<sup>th</sup> Adriaan Dissel, ZS1ADL – 51 points (Boland)  
18<sup>th</sup> Nico Oelofse, ZS4N (PEARS) and Anthony Rouquette, ZS6ANT (West Rand) – 50 points each  
20<sup>th</sup> Christo Bock, ZS1BOK – 49 points (Boland)  
21<sup>st</sup> Dennis Green, ZS4BS (Bloemfontein) and Garth Wheeler, ZS5GMW (Highway) - 48 points each  
23<sup>rd</sup> Karl Canitz, ZS1KC (Boland) and Geoff Levey, ZS6C (West Rand) – 47 points each  
25<sup>th</sup> Max Bouckley, ZS6MAX – 44 points (Sandringham Scouts)  
26<sup>th</sup> Rassie Erasmus, ZS1YT, Emil Bohme, ZS1XB (both Boland) and Phillip van Tonder, ZS6PVT (West Rand) – 41 points each  
29<sup>th</sup> David Lloyd, ZS6ACC – 39 points (West Rand)  
30<sup>th</sup> Heather Holland, ZS5YH – 37 points (Hibiscus)  
31<sup>st</sup> Trevor Brinch, ZS1TR – 32 points (Boland)  
32<sup>nd</sup> Mathew Lyle, ZS5PG – 31 points (Highway)  
33<sup>rd</sup> Geoff Wagner, ZS5AGM – 27 points (Highway)  
34<sup>th</sup> Thys Louw, ZS1TBP – 23 points (Bo-Karoo)  
35<sup>th</sup> Sid Tyler, ZS5AYC – 20 points (Hibiscus)  
36<sup>th</sup> Davey Smeda, ZR1FR – 17 points (Boland)  
37<sup>th</sup> Brian Best, ZS5SB and Sidney Freedman, ZS5SID (both Hibiscus) – 16 points each  
39<sup>th</sup> Schalk van Vuuren, ZS1LL and Pieter Gaybba, ZS3PG (both Bo-Karoo) – 14 points each  
41<sup>st</sup> Justin Wright, ZS5JW (Highway) and Barend Venter (Bloemfontein) – 7 points each

Check log: Keith Lowes, ZS5WFD – 54 points

About 20 logs were submitted as “2019 SARL 80 m Club Sprint.xlsx” instead of “my call sign 2019 SARL 80 m Club Sprint.xlsx” – have a look at the e-mail you sent to [zs4bfn@mweb!](mailto:zs4bfn@mweb!) Two logs were received

as PDF documents – one was resubmitted as an Excel document; the other amateur ignored the request. In two cases, the log was submitted with only the QSO information in it – no names or Club indicated, no scoring.

The second leg of the SARC 80 m Club Sprint takes place on Wednesday 15 May 2019 – and no, we have no control over propagation!

### **DXCC News**

The 2018 ARRL DXCC Yearbook is now available for viewing and downloading at [www.arrl.org/files/file/DXCC/DXCCYearbook/DXCC%20YEARBOOK%202018.pdf](http://www.arrl.org/files/file/DXCC/DXCCYearbook/DXCC%20YEARBOOK%202018.pdf). The DXCC Yearbook includes the 2018 Annual List, as well as the 2018 Clinton B. DeSoto Challenge top scorers.

### **Can humans sense geomagnetic storms?**

New research published by neuroscientists at Caltech shows that sudden changes in Earth's magnetic field affect human brainwaves--specifically, depressing alpha waves associated with wakeful relaxation. This raises the possibility that humans can sense geomagnetic storms.

Learn more about the link between human biology and space weather on today's edition of [Spaceweather.com](http://Spaceweather.com)

### **African DX**

*Contacts with stations on the African continent count towards the SARC's All Africa Award ([www.sarc.org.za/public/awards/awards.asp](http://www.sarc.org.za/public/awards/awards.asp))*



Botswana, A2. Leon, A25SL is active during his spare time on 80, 40, 20, 17 and 15 metres using CW, SSB and RTTY with some FT8. QSL via N4GNR.

Senegal, 6W. Giovanni, IK5BSC is operating as 6W/call until 14 April with operation on HF. QSL via IK2DUW and log search on Club Log.

The Gambia, C5. Csaba, DH7KU, Manfred, DK1BT, Annette, DL6SAK, Sigi, DL7DF, Frank, DL7UFR, and Jan, SP3CYY plan to operate as C5DL between 1 and 15 April and be active on 160 – 10 m using SSB, CW, and digital modes with three rigs. QSL via DL7DF, direct or the bureau and LoTW. [www.dl7df.com/c5/](http://www.dl7df.com/c5/)

Guinea-Bissau, J5. Livio, IZ3BUR, is once again active as J52EC from the Cumura High School in Guinea Bissau until 15 April. Activity will be mainly on 20, 15 and 10 metres. QSL via IZ3BUR. PLEASE NOTE: This project is part of "Books for the high school of Cumura" by Father Gianfranco, J52OFM. For info see <http://www.padregianfranco.org>, any donation will be greatly appreciated, it'll be donated to the Cumura Mission.

Ghana, 9G. Matteo, IZ4YGS, will once again be active as 9G5GS from Sanzule, West Takoradi (Western Region), Ghana, starting 13 April. The length of his stay is not known. Matt informed OPDX back in December that he travels to Ghana almost every month for work reasons. He states that he is on "almost every evening on 20, 30, 40, 60 and 80 m; his setup is a FT-891 and vertical antenna, mainly FT8 and other digital modes, if propagation helps also SSB." On FT8 (Fox-Hound Mode) the suggested frequencies are: 3 567, 7 056, 10 131 and 14 090 kHz. QSL via IZ4YGS, direct or eQSL.

Senegal, 6W. Elvira, IV3FSG is once again active as 6W/IV3FSG until 16 April. QSL via IK3GES and log search on Club Log.

Somalia, 6O. Ali, EP3CQ, who went QRT on 23 March, will once again be active as 6O1OO starting 15 April, for one month. Activity will be limited to his spare time because he works for the UN Department of Safety and Security (UNDSS), in Mogadishu. Operations will be on 80, 40, 30, 20, 17, 15 and 10 metres (mostly on 40/20 metres FT8) using SSB and FT8. Last time he suggested that he will be on every day between 18:00 – 20:00 East Africa Time (EAT) and on the weekend (Friday and Saturday) between 14:00 and 18:00 EAT. Equipment is a Yaesu FT-857D into a Tarheel Little II (currently active), and Sandpiper MV-10. He informed that he has updated his information including new QSL information on QRZ.com. QSL direct to Ali Solhjoo, C/O Dr de Vivanco, Schnackenburgstr. 3, Berlin 12159, Germany. QSL cards will be replied to on a bi-monthly basis. IRC's are not accepted. See QRZ.com for more info and picture of his station. Flash news will be posted via Twitter: @ep3cq

Burkina Faso, XT. Max, DK1MAX will be active as XT2MAX from 17 to 25 April with 'holiday-style' operation on all bands using all modes. QSL via LoTW.

Burkina Faso, XT2. Harald, DF2WO, will once again be active as XT2AW from Ouagadougou, Burkina Faso, between 7 and 26 April. Activity is usually holiday style on 160 - 10 metres using CW, SSB and the Digital modes. He states that he works mostly on the Digital modes (FT8, PSK31, JT65 and RTTY) and slow CW. QSL via M0OXO, direct or OQRS [www.m0oxo.com/oqrs/](http://www.m0oxo.com/oqrs/).

Senegal, 6W. Jacques, F6HMJ is active as 6W7/F6HMJ until 28 April with operation from 80 to 10 metres using CW and SSB.

Mauritania, 5R. Johannes, PA5X is now operating as 5T5PA from Nouadhibou until July. QSL via LoTW, Club Log and QRZ.com.

Uganda, 5X. The Italian DXpedition Team will be active from Uganda during September/October 2019. Look for them as 5X0T using CW, SSB and RTTY and as 5X0X using FT8. More to follow.

### African Islands

IOTA frequencies

CW: 28 040 24 920 21 040 18 098 14 040 10 114 7 030 3 530 kHz

SSB: 28 560 28 460 24 950 21 260 18 128 14 260 7 055 3 760 kHz



Cape Verde, D4. Helmut, DF7EE, Andrea, HB9DUR, Marco, IK2LFF, Kris, YL3JA and Ljubomir, YU5EEA will be the operators behind D4C during the WPX Contest (30 and 31 March). For QSL information see web site <http://d4c.cc/qsl/>

Madeira, CT3. Rosel DL3KWR and Hardy DL3KWF are operating as CT9/calls until 3 April on HF including 60 meter using CW and FT8. QSL via home calls, LoTW. <http://www.dl3kwr.de/>

Djibouti, J2. Col MM0NDX, Jonathan MM0OKG and Christian EA3NT will be active as J20DX as another IOTA/DXCC project AF-053 Moucha AF-059 Sept Frere. Plans are still in progress but keep an eye on their website for latest updates. Dates are approximately 15 to 21 April - <https://j20dx.com/>

Permission has been granted for the J20DX team to overnight and stay up to 72 hours Kadda Dabali Island (AF-059). "Although not an ideal island in terms of some paths being blocked", the team says, "we do not yet know if it's possible to stay on another island and will only find out once we meet our boatman". As for the activity from IOTA group AF-053, their plans "remain unchanged". The team (MM0NDX, MM0OKG and EA3NT) will be signing J20DX from AF-059, J20DX/mm while at sea and J20DX/p from AF-053. On 14 April and possibly also on the 20th they will be QRV from the mainland (call sign pending). QSL via Club Log's OQRS and LoTW; direct cards via M0SDV. See

<https://j20dx.com/> for updates and more information, including propagation prediction charts for each IOTA group.

Reunion, FR. a team of seven Croatian operators (9A2AA, 9A2NA, 9A3CJW, 9A3EME, 9A3MR, 9A7Y and 9A8RA) will be active as TO19A from Reunion Island (AF-016) from 27 April to 8 May. They will operate CW, SSB and FT8 with a focus on the low bands. QSL via 9A2AA and log search on Club Log.

Morocco, CN. Last year plans to activate Los Farallones Island, AF118NEW were announced. A few weeks later it transpired that Navy and Government permission had not been given therefore that particular expedition was postponed. This year a new expedition to AF-118 has been announced with planning behind the scenes ongoing. A team is assembled with CN8QY as leader. Planned dates of activity are 25 to 30 July 2019. <https://5c9a.com/>

Madagascar, 5R. Giovanni, IZ2DPX, will be active as 5R8PX from Nosy Be Island (AF-057), Madagascar, between 3 and 17 August. Activity will be on various HF bands using SSB and the Digital modes. Equipment is an IC-706 (w/100 W) into a vertical. QSL via IK2DUW/HE9ERA, direct, by the Bureau, Clublog or LoTW. For updates, watch <https://iz2dpx.jimdo.com>

Mayotte, FH and Reunion, FR. Willi, DJ7RJ will once again be active as FH and FR/call during October 2019. Focus on top band from Mayotte. QSL via home call.

Mauritius, 3B8. Olof, G0CKV and others will be operating as 3B8MU during the CQ WW CW Contest (23 and 24 November). Operation before and after the contest will be mostly on the low bands and this will be between 18 and 29 November. QSL via M0OXO.

## Contest Calendar

This week's contests as compiled by Bruce Horn, WA7BNM. The period covered is 25 March to 1 April 2019

QCX Challenge  
13:00 - 14:00 UTC and 19:00 - 20:00 UTC 25 March and 03:00 - 04:00 UTC 26 March  
Geographic Focus: Worldwide  
Participation: Worldwide  
Mode: CW  
Bands: 160, 80, 40, 20, 15, 10 m  
Classes: Single Op  
Max power: HP: >5 watts; QRP: 5 watts  
Exchange: RST, name, state, province or country and rig  
Work stations: Once per band  
QSO Points: 1 point per QSO  
Multipliers: Each QSO with a QCX station once per band  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 04:00 UTC 2 April 2019  
Post log summary at: [www.3830scores.com](http://www.3830scores.com)  
Mail logs to: (none)  
Find rules at: [www.qrp-labs.com/party.html](http://www.qrp-labs.com/party.html)

SKCC Sprint  
00:00 - 02:00 UTC 27 March  
Geographic Focus: Worldwide  
Participation: Worldwide  
Awards: Worldwide  
Mode: CW  
Bands: 160, 80, 40, 20, 15, 10 m  
Classes: (none)  
Exchange: RST, state, province or country, name and SKCC no or power  
Work stations: Once per band  
QSO Points: (see rules)  
Multipliers: Each state, province, or country once  
Score Calculation: Total score = (total QSO points x total mults) and bonus points  
Submit logs by: 23:59 UTC 29 March 2019  
E-mail log summary to: (none)  
Post log summary at: [www.skccgroup.com/operating\\_activities/weekday\\_sprint/submit-display.php](http://www.skccgroup.com/operating_activities/weekday_sprint/submit-display.php)  
Mail logs to: (none)

Find rules at:

[www.skccgroup.com/operating\\_activities/weekday\\_sprint/](http://www.skccgroup.com/operating_activities/weekday_sprint/)

QRP Fox Hunt

01:00 - 02:30 UTC 27 March

Geographic Focus: United States

Participation: Worldwide

Mode: CW

Bands: 40 m Only

Classes: Single Op - fox or hound

Max power: 5 watts

Exchange: RST, state, province or country, name and power output

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 02:30 UTC 28 March 2019

E-mail logs to: (see rules)

Mail logs to: (none)

Find rules at:

[www.qrpfoxyhunt.org/winter\\_rules.htm](http://www.qrpfoxyhunt.org/winter_rules.htm)

Phone Fray

02:30 - 03:00 UTC 27 March

Geographic Focus: North America

Participation: Worldwide

Mode: SSB

Bands: 160, 80, 40, 20, 15 m

Classes: Single Op

Max power: 100 watts

Exchange: NA: Name and state, province or country; non-NA: Name

Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 03:00 UTC 29 March 2019

E-mail logs to: (none)

Post log summary at: [www.3830scores.com](http://www.3830scores.com)

Mail logs to: (none)

Find rules at:

[www.perluma.com/Phone\\_Fray\\_Contest\\_Rule\\_s.pdf](http://www.perluma.com/Phone_Fray_Contest_Rule_s.pdf)

CWops Mini-CWT Test

13:00 - 14:00 UTC and 19:00 - 20:00 UTC 27

March and 03:00 - 04:00 UTC 28 March

Geographic Focus: Worldwide

Participation: Worldwide

Awards: Worldwide

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - QRP, low or high

Max power: HP: >100 watts; LP: 100 watts;

QRP: 5 watts

Exchange: Member: Name and member no; non-Member: Name and state, province or country

Work stations: Once per band

QSO Points: 1 point per QSO

Multipliers: Each call once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 04:00 UTC 30 March 2019

Post log summary at: [www.3830scores.com](http://www.3830scores.com)

Mail logs to: (none)

Find rules at: <https://cwops.org/cwops-tests/>

UKEICC 80 m Contest

20:00 - 21:00 UTC 27 March

Geographic Focus: Europe

Participation: Worldwide

Mode: CW

Bands: 80 m Only

Classes: Single Op Connected - QRP, low or high; Single Op Unconnected - QRP, low or high

Max power: HP: 1 500 watts; LP: 100 watts;

QRP: 5 watts

Exchange: 4-Character grid square

QSO Points: 1 point per 500 km (10 pts max); multiply QSO points by 2 if low power station; multiply QSO points by 4 if QRP station

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 22:00 UTC 27 March 2019

E-mail logs to: (none)

Upload log at: <http://logs.ukeicc.com/cgi-bin/hfenter.pl>

Mail logs to: (none)

Find rules at: [www.ukeicc.com/which-contest/which-contest-ukeicc-80-m-contests-rules](http://www.ukeicc.com/which-contest/which-contest-ukeicc-80-m-contests-rules)

RSGB 80 m Club Championship, SSB  
20:00 - 21:30 UTC 28 March  
Geographic Focus: United Kingdom  
Participation: Worldwide  
Awards: United Kingdom  
Mode: SSB  
Bands: 80 m Only  
Classes: (none)  
Exchange: RS and serial no  
QSO Points: 1 point per QSO  
Multipliers: (none)  
Score Calculation: (see rules)  
Submit logs by: 23:59 UTC 29 March 2019  
Upload log at: <http://www.rsgbcc.org/cgi-bin/hfenter.pl>  
Mail logs to: (none)  
Find rules at:  
<https://www.rsgbcc.org/hf/rules/2019/r80mcc.shtml>

QRP Fox Hunt  
01:00 - 02:30 UTC 29 March  
Geographic Focus: United States  
Participation: Worldwide  
Mode: CW  
Bands: 80 m Only  
Classes: Single Op - fox or hound  
Max power: 5 watts  
Exchange: RST, state, province or country, name and power output  
QSO Points: 1 point per QSO  
Multipliers: (none)  
Score Calculation: Total score = total QSO points  
Submit logs by: 02:30 UTC 30 March 2019  
E-mail logs to: (see rules)  
Mail logs to: (none)  
Find rules at:  
[http://www.qrpfoxyhunt.org/winter\\_rules.htm](http://www.qrpfoxyhunt.org/winter_rules.htm)

NCCC RTTY Sprint  
01:45 - 02:15 UTC 29 March  
Geographic Focus: North America  
Participation: Worldwide  
Mode: RTTY  
Bands: (see rules)  
Classes: (none)  
Exchange: Serial no, name and QTH  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 31 March 2019  
E-mail logs to: (none)

Post log summary at:  
<http://www.3830scores.com/>  
Mail logs to: (none)  
Find rules at:  
<http://www.ncccsprint.com/rttyns.html>

NCCC Sprint  
02:30 - 03:00 UTC 29 March  
Geographic Focus: North America  
Participation: Worldwide  
Mode: CW  
Bands: (see rules)  
Classes: (none)  
Exchange: Serial no, name and QTH  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 31 March 2019  
E-mail logs to: (none)  
Post log summary at:  
<http://www.3830scores.com/>  
Mail logs to: (none)  
Find rules at:  
<http://www.ncccsprint.com/rules.html>

Feld Hell Sprint  
00:00 - 23:59 UTC 30 March  
Geographic Focus: Worldwide  
Participation: Worldwide  
Mode: Feld Hell  
Bands: 160, 80, 40, 20, 15, 10, 6 m  
Classes: (none)  
Max power: Standard: 100 watts; QRP: 5 watts  
Exchange: (see rules)  
Work stations: Once per band  
QSO Points: (see rules)  
Bonus Points: (see rules)  
Multipliers: (see rules)  
Score Calculation: (see rules)  
Submit logs by: 2 April 2019  
Upload log at:  
<https://sites.google.com/site/feldhellclub/>  
Mail logs to: (none)  
Find rules at:  
<https://sites.google.com/site/feldhellclub/Home/contests/sprints/waaaaeo-sprint>

CQ WW WPX SSB Contest  
00:00 UTC 30 March to 23:59 UTC 31 March  
Geographic Focus: Worldwide  
Participation: Worldwide  
Awards: Worldwide

Mode: SSB  
Bands: 160, 80, 40, 20, 15, 10 m  
Classes: Single Op All Band - QRP, low or high; Single Op Single Band - QRP, low or high; Single Op Assisted All Band - QRP, low or high; Single Op Assisted Single Band - QRP, low or high;  
Single Op Overlays: TB-Wires or rookie; Multi-Single – low or high; Multi-Two; Multi-Multi  
Max operating hours: Single Op: 36 hours with off times of at least 60 minutes; Multi-Op: 48 hours  
Max power: HP: 1 500 watts; LP: 100 watts;  
QRP: 5 watts  
Exchange: RS and serial no  
Work stations: Once per band  
QSO Points: All: 6 points per 160/80/40 m QSO with different continent; All: 3 points per 20/15/10 m QSO with different continent;  
Non-NA: 2 points per 160/80/40 m QSO with same continent different country; Non-NA: 1 point per 20/15/10 m QSO with same continent different country; NA: 4 points per 160/80/40 m QSO with same continent different country; NA: 2 points per 20/15/10 m QSO with same continent different country;  
All: 1 point per QSO with same country  
Multipliers: Prefixes once  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 23:59 UTC 5 April 2019  
E-mail logs to: [ssb@cqwp.com](mailto:ssb@cqwp.com)  
Upload log at:  
<http://www.cqwp.com/logcheck/>  
Mail logs to: SSB WPX Contest, PO Box 481, New Carlisle, OH 45344, USA  
Find rules at:  
<http://www.cqwp.com/rules.htm>

IQRP Quarterly Marathon  
08:00 UTC 1 April to 20:00 UTC 7 April

Geographic Focus: Worldwide  
Participation: Worldwide  
Mode: CW, SSB, Digital  
Bands: All  
Classes: Single Op  
Max power: 5 W  
Exchange: RS(T)  
Work stations: Once per mode  
QSO Points: 3 points per CW QSO; 2 points per SSB QSO; 1 point per digital QSO; Multipliers: km/100 of QSO with maximum distance  
Score Calculation: Total score = total QSO points x distance mult  
Submit logs by: 21 April 2019  
E-mail logs to: [iqrpclub@arimontebelluna.it](mailto:iqrpclub@arimontebelluna.it)  
Mail logs to: (none)  
Find rules at:  
[www.arimontebelluna.it/news/news\\_maratona\\_uk.htm](http://www.arimontebelluna.it/news/news_maratona_uk.htm)

RSGB 80 m Club Championship, CW  
19:00 - 20:30 UTC 1 April  
Geographic Focus: United Kingdom  
Participation: Worldwide  
Awards: United Kingdom  
Mode: CW  
Bands: 80 m Only  
Classes: (none)  
Exchange: RST and serial no  
QSO Points: 1 point per QSO  
Multipliers: (none)  
Score Calculation: (see rules)  
Submit logs by: 23:59 UTC 2 April 2019  
Upload log at: [www.rsgbcc.org/cgi-bin/hfenter.pl](http://www.rsgbcc.org/cgi-bin/hfenter.pl)  
Mail logs to: (none)  
Find rules at:  
[www.rsgbcc.org/hf/rules/2019/r80\\_mcc.shtml](http://www.rsgbcc.org/hf/rules/2019/r80_mcc.shtml)

### Pretoria Amateur Radio Club Boot Sale: 6 April 2019

The Pretoria Amateur Radio Club will host their next boot sale on Saturday 6 April 2019 at their usual place at the Pretoria Old Motor Club, in Keuning Street, Silverton. The starting time is 10:00 and the gates will open for sellers at 09:30. Our famous boerewors rolls and drinks will be available. Come and enjoy the morning with us. To book a table or to get more information, please contact Almero du Pisani, ZS6LDP on 083 938 8955 or send an e-mail to [almero@up.ac.za](mailto:almero@up.ac.za)



### Next Week's Contests

ARS Spartan Sprint, 01:00 - 03:00 UTC 2 April  
QRP Fox Hunt, 01:00 - 02:30 UTC 3 April  
Phone Fray, 02:30 - 03:00 UTC 3 April  
CWops Mini-CWT Test, 13:00 - 14:00 UTC and 19:00 - 20:00 UTC 3 April and 03:00 - 04:00 UTC 4 April  
UKEICC 80 m Contest, 20:00 - 21:00 UTC 3 April  
SARL 80 m QSO Party, 17:00 - 20:00 UTC 4 April  
NRAU 10 m Activity Contest, 17:00 - 18:00 UTC (CW) and 18:00 - 19:00 UTC (SSB) and 19:00 - 20:00 UTC (FM) and 20:00 - 21:00 UTC (Dig) 4 April  
SKCC Sprint Europe, 19:00 - 21:00 UTC 4 April  
QRP Fox Hunt, 01:00 - 02:30 UTC 5 April  
NCCC RTTY Sprint, 01:45 - 02:15 UTC 5 April  
NCCC Sprint, 02:30 - 03:00 UTC 5 April  
LZ Open 40 m Sprint Contest, 04:00 - 08:00 UTC 6 April  
PODXS 070 Club PSK 31 Flavours Contest, 10:00 UTC 6 April to 04:00 UTC 7 April  
SARL VHF/UHF Digital Contest, 10:00 UTC 6 April to 10:00 UTC 7 April  
Mississippi QSO Party, 14:00 UTC 6 April to 02:00 UTC 7 April  
Missouri QSO Party, 14:00 UTC 6 April to 04:00 UTC 7 April and 14:00 - 20:00 UTC 7 April  
Florida State Parks on the Air, 14:00 - 22:00 UTC 6 April and 14:00 - 22:00 UTC 7 April  
SP DX Contest, 15:00 UTC 6 April to 15:00 UTC 7 April  
EA RTTY Contest, 16:00 UTC 6 April to 16:00 UTC 7 April  
RSGB RoLo SSB, 19:00 - 20:30 UTC 7 April

*Items used with acknowledgement to the ARRL Letter, the ARRL DX News, the ARRL Contest Update, OPDX Bulletin, 425 DX Bulletin, DXNL Newsletter, WIA-News, the RSGB News, DxCoffee, Southgate ARC News, DX*